

**EDUCATION COUNCIL
of the
NEBRASKA INFORMATION TECHNOLOGY COMMISSION**

**September 19, 2003
9:00AM-12:00PM CT**

**Wayne State College Connel Hall #21
with NVCN locations at Chadron State College Student Center,
Lincoln Executive Building #103, 521 S. 14th
Omaha State Office Building #207, 1313 Farnam on the Mall**

Proposed Agenda

(Please click [here](#) for pdf download of all meeting documents.)

(The Council will attempt to adhere to the sequence of the published agenda, but reserves the right to adjust the order of items if necessary and may elect to take action on any of the items listed. Items marked in **BOLD** are expected action items.)

9:00 AM	1. Call to Order, Electronic Posting, Roll Call, Introductions	Co-Chair
9:05 AM	2. Consider approval of the Agenda for the September 19, 2003 meeting	Co-Chair
9:07 AM	3. Consider approval of Minutes from the July 18, 2003 meeting	Co-Chair
9:10 AM	4. Public Comment	Co-Chair
9:15 AM	5. Membership: Consider forwarding new member nominations to the NITC: Arnold Bateman, UNL; Yvette Holly, UNMC; Dennis Linster, Wayne State College	Co-Chair
9:20 AM	6. Consider approval of the Interim Network Policy Work Group charter	Co-Chair
9:30 AM	7. Update: Statewide Synchronous Video Network Work Group Recommendations	T. Rolfes
9:50 AM	8. Appointment of Education Council members/alternates to Action Item Task Groups	Co-Chair
	A. Task Group Membership (EC 1.1, 1.2, 1.3, 2.1, 5.1, 5.2, 6.1)	
	B. Next Steps	
	C. Deliverables	
10:10 AM	9. Work Group/Committee Reports	Co-Chair
	A. Training Advisory Work Group--No Report	

	B. NET Distance Learning Report	B. Huber
10:25 AM	10. Update: Value-added enhancements to the Nebraska Education Portal	T. Rolfes
10:40 AM	11. Other	Co-Chair
10:45 AM	12. Consider: Shall the Education Council prefer to meet bi-monthly (6 times/year) with opposing months to be spent in virtual and face-to-face task group discussions and meetings?	Co-Chair
10:55 AM	13. Confirm locations for the October 17, 2003 (Millard) and November 21 meetings	Co-Chair
11:00 PM	14. Adjournment	Co-Chair

NITC/Education Council Homepage: <http://www.nitc.state.ne.us>

Meeting Notice Posted to the NITC Web site 07-21-03

Meeting Notice Posted to the [Nebraska Public Meeting Calendar](#) 07-21-03

Agenda Posted to the NITC Web site 09-16-03

EDUCATION COUNCIL

Nebraska Information Technology Commission

Friday, July 18, 2003, 9:00 a.m.

NVCN Sites:

Lincoln Executive Building, 521 S. 14th, Suite 103

Chadron State College Student Center, Scottsbluff Room

Wayne State College Connell Hall, Room 021

Omaha State Office Building, 2nd Floor

PROPOSED MINUTES

VOTING MEMBERS/ALTERNATES PRESENT:

Ms. **Judi Carter**, alt. for Teachers

Ms. **Yvette Holly**, alt. for University of Nebraska

Dr. **Jack Huck**, Southeast Community College

Mr. **Jeff Johnson**, Centennial Public Schools

Mr. **Chuck Lenosky**, Creighton University

Mr. **Dennis Linster**, alt. for State Colleges

Dr. **Robert Manzer**, alt. for Independent Colleges

Dr. **Jerry Moskus**, Metropolitan Community College

Mr. **Michael Pate**, Millard Public Schools

Mr. **Al Schneider**, ESU 5

Dr. **Robin Smith**, alt. for State Colleges

Dr. **Sheila Stearns**, Wayne State College

Mr. **Alan Wibbels**, ESU 10

LIAISONS PRESENT:

Ms. **Brenda Decker**, DAS-Division of Communications

Mr. **Bob Huber**, Nebraska Education Telecommunications Commission

MEMBERS AND LIAISONS NOT PRESENT: Dr. Dean Bergman, Nebraska Department of Education; Mr. Terry Haack, Elkhorn High School; Dr. Harvey Perlman, UNL; Mr. Joe LeDuc, Catholic Diocese of Lincoln; Dr. David Powers, Coordinating Commission for Postsecondary Education; Dr. Ed Rastovski, Wahoo Public Schools.

CALL TO ORDER, ELECTRONIC POSTING AND INTRODUCTION

Mr. Wibbels called the meeting to order at 9:05 a.m. Members introduced themselves

from the videoconference locations. There were twelve voting members at the time of roll call. A quorum existed to conduct official business. The meeting notice was posted to the NITC and Nebraska Public Meeting Calendar Web sites on May 16, 2003. The meeting agenda was posted to the NITC Web site on July 15, 2003.

APPROVAL OF JULY 18, 2003 AGENDA

Mr. Schneider moved to approve the [July 18, 2003 agenda](#) as presented. Mr. Johnson seconded the motion. Roll call vote: Holly-Yes, Carter-Yes, Huck-Yes, Johnson-Yes, Smith-Yes, Lenosky-Yes, Moskus-Yes, Manzer-Yes, Pate-Yes, Schneider-Yes, Stearns-Yes, and Wibbels-Yes. The motion was carried by unanimous vote.

APPROVAL OF MAY 16, 2003 MINUTES

Dr. Manzer moved to approve the [May 16, 2003](#) meeting minutes as presented. Dr. Moskus seconded the motion. Roll call vote: Holly-Yes, Carter-Yes, Huck-Yes, Johnson-Yes, Smith-Yes, Lenosky-Yes, Moskus-Yes, Manzer-Yes, Pate-Yes, Schneider-Yes, Stearns-Yes, and Wibbels-Yes. The motion was carried by unanimous vote.

PUBLIC COMMENT

There was no public comment.

WELCOME NEW EDUCATION COUNCIL MEMBERS AND ALTERNATES

Chuck Lenosky, Rob Manzer, and Michael Pate were welcomed as new members to the council. Alternates Bill Path and Linda Richards were not present but were also mentioned and welcomed to the council.

Ms. Carter left the meeting at 9:20 a.m.

[PRESENTATION UPDATE: DEVELOPMENT OF THE STATEWIDE NETWORK](#)

Brenda Decker, Director, Division of Communications, State of Nebraska
Steve Schafer, Chief Information Officer, State of Nebraska

Alltel was awarded the contract for Phase I of the statewide backbone. It is a 5-year contract with periodic price reviews and includes a performance bond. A MPSSL (Multi-Protocal System Layer) network will be provided. Benefits of this type of network include

cost savings, scalability and support of multiple protocols. Current network costs for the state are estimated at \$25,000/month and that these new segment prices and aggregation may allow a savings upwards of \$5,000 per month with MPSL. A Form 470 has been filed with the Federal Universal Service Fund-School and Libraries Division to allow for e-Rate reimbursements. The RFP for Phase II was released on July 9 with an implementation date of January 2004. The Division of Communications is also in the process of filing a Form 470 for Phase II. Anne Burke, representing Chadron State College and western Nebraska, will be on the evaluation team for Phase II. Questions were entertained. Ms. Holly expressed thanks and congratulation to Mr. Schafer and Ms. Decker on their efforts. Mr. Schafer deferred congratulations to the efforts of Ms. Decker, Walter Weir and the CAP (Collaborative Aggregation Partnership) group.

NITC REPORT: [JUNE 10th, 2003 MEETING](#)

Steve Schafer, Chief Information Officer

A variety of updates were provided to the NITC Commissioners during their June 10 meeting. The main action item for the June meeting was the update and approval of the Statewide Technology Plan. There were some changes made in the organization and content of the plan. A new section serves as an introduction and explains the purpose and scope of the plan. The purpose of the Statewide Technology Plan is to set forth the vision and goals for the use of information technology in Nebraska, with a set of action items that will guide the work of the NITC and its councils. Section 2 reflects the mission and goals of the NITC. Council priorities are now included in this section. They represent specific objectives for accomplishing the four NITC goals. Section 3 is the Action Plan. It follows the same format as previous years, except that action items are organized around the four goals of the NITC, rather than being listed by the sponsoring Council. Section 4 provides effectiveness measures, including a summary of progress on last year's action items. Content is also organized by the NITC goals.

[LT. GOVERNOR'S KEARNEY PRESS CONFERENCE, JULY 15, 2003](#)

Steve Schafer, Chief Information Officer

Along with Mr. Schafer, President Dennis Smith, Lieutenant Governor Dave Heineman, Dean Bergman, and Alltel's Regional President were in attendance for the press conference announcing Phase I. The Kearney newspaper did an article. A similar press conference will be scheduled when the contract has been awarded for Phase II.

INTERIM NETWORK POLICY WORK GROUP FORMATION

Tom Rolfes, Education Information Technology Manager

At the September 16, 2002 NITC meeting, Commissioners requested that a Network Feasibility Study be conducted. Several Education Council members served on that work group. As a result of the study, the Collaborative Aggregation Partnership (CAP) was organized. The Interim Network Policy Work Group is a joint committee formed by the NITC Councils (State Government; Education; and Community) to develop recommendations on policy issues pertaining to the management and operation of shared networks, including policy input to the CAP. The first meeting is scheduled for August 1, followed by another meeting on Aug 13. After August 13, there will be more regular one-half day meetings. If any council members are interested on serving on the Interim Network Policy Work Group, they should inform Mr. Rolfes.

APPOINTMENT OF EDUCATION COUNCIL ACTION ITEM TASK GROUPS

All Education Council members and alternates were asked to participate in the task groups. Council members/alternates should be familiar with the action items and determine which task group would interest them. Each task group decides on their own how often to meet and how they will accomplish their objectives. A sign-up sheet was sent around at the Lincoln videoconference site and off-site members were asked for their interest. As of the close of the meeting, the following individuals expressed their preferences for the Education Council action item task groups:

EC 1.1 – Chuck Lenosky, Al Schneider, Alan Wibbels, Bob Huber

EC 1.2

EC 1.3 -- Yvette Holly

EC 2.1 – Jerry Moskus

EC 5.1 – Michael Pate

ED 5.2 -- Jeff Johnson

ED 6.1 – Rob Manzer, Robin Smith, Bob Huber

Mr. Rolfes will send an email reminder to members and alternates to sign up.

NEBRASKA APPLICATION FOR INTERNET2 K-20 INITIATIVE/SPONSORED EDUCATION GROUP (SEGP) STATUS

Mr. Rolfes shared background information with the Education Council members and alternates so they could consider approval of the resolution.

It was the recommendation of the NITC Technical Panel that the Education Council be involved in SEGP membership for Nebraska. Walter Weir, Chief Information Officer for the University of Nebraska, has offered to pay for the SEGP first year of membership.

The council will need to consider how to pay for the membership after that first year. Rick Golden suggested that the costs could be divided among several agencies – K-12, ESUs, community colleges, state colleges, independent colleges and universities, zoos, libraries, and science centers. At the May 16 Education Council meeting, a presentation on Internet2 was provided to clarify questions. So far, at least twenty-eight (28) statewide education networks have been recognized as Internet2 SEGP states. Annual membership fees are determined by each State's number of seats in the U.S. House of Representatives plus a level charge of \$30,000. Nebraska's annual SEGP membership charge would be \$36,000. The Internet2 K-20 initiative would mainly be beneficial for Nebraska education entities to exchange content and video with other states and/or institutions that are on I2. If the University of Nebraska agrees to apply on behalf of Nebraska's education community, it will take an estimate of 90 days for the application to be approved. The first year of Internet2 service would be July 1, 2004 - June 30, 2005. This would give education entities time to gauge their sector's interest and commitment to sign up for continuing costs that would begin July 1, 2005.

Dr. Stearns left the meeting at 10:05 a.m. Dennis Linster, alternate, stayed for the remainder of the meeting.

The text of the Education Council resolution read as follows:

The Education Council of the Nebraska Information Technology Commission, directly and indirectly representing Nebraska public and private K-12 and higher education, hereby resolves to:

- Encourage the University of Nebraska-Lincoln, the primary Internet 2 participant within the State of Nebraska, to make application to the University Corporation for Advanced Internet Development (UCAID) on behalf of the public and private educational institutions of Nebraska (K-12 school districts, Educational Service Units, Community Colleges, State Colleges, Independent Colleges and Universities) as a Sponsored Education Group Participant (SEGP) of Internet 2 in the Abilene Network;
- Encourage all of Nebraska's educational institutions to abide by the Abilene Network Terms of Participation including the Abilene Conditions of Use, which is part of the Participation Agreement;
- Encourage the education community to name one or more advanced network applications between Nebraska formal and informal educational entities and educational entities outside of Nebraska's borders;
- Assist in the identification and/or provision of three Internet2 K-20 Initiative Advisory Team members from Nebraska to attend regional and national meetings
- Promote the inclusion and involvement of other Nebraska educational and research entities (state agencies such as NDE, Game & Parks Commission, Library Commission; museums; zoos; hospitals; and public libraries) into SEGP status;
- Work collaboratively with the University of Nebraska and other education entities to construct a cost allocation model that will ensure sustainability of Internet 2 services and participation.

Dr. Manzer moved to adopt the [resolution to support a Nebraska application for membership to the K-20 Initiative/Sponsored Education Group Participation \(SEGP\) of Internet 2](#). Mr. Pate seconded the motion. Roll call vote: Lenosky-Yes, Smith-Yes, Johnson-Yes, Huck-Yes, Holly-Yes, Wibbels-Yes, Linster-Yes, Schneider-Yes, Pate-Yes, Manzer-Yes, and Moskus-Yes. The motion was carried by unanimous vote.

WORK GROUP/COMMITTEE REPORTS

Training Advisory Work Group. There was no report.

[NET Distance Learning Report](#), Bob Huber. At the end of the last fiscal year, there was a 10% reduction in services, and fees decreased by 50% for spring 2002 to 2003. Questions and comments were entertained.

[NAMING THE NEBRASKA NETWORK](#) (Other States Network Names)

The State of Nebraska will need to decide on a name for the network. Mr. Rolfes included a list of names that other states have used for their network, as well as the state's partners. A request for suggested names will be included in the next NITC newsletter. Council members were asked to provide suggestions and input.

OTHER BUSINESS

There was no other business.

NEXT MEETING DATE AND TIMES

The Council members and alternates opted to cancel the August 15 meeting in order to allow time for semester start-up. The next meetings of the NITC Education Council are as follows:

Friday, September 19th, 9:00 a.m. – Dennis Linster will host at Wayne State College with possible NVCN locations.

Friday, October 17th, 9:00 a.m. – Mr. Pate will host at Millard Public Schools.

With no further business, Mr. Wibbels adjourned the meeting at 10:42 a.m.

Meeting minutes were taken by Lori Lopez Urdiales and reviewed by Tom Rolfes of the Office of the CIO/NITC.

**Nebraska Information Technology Commission
EDUCATION COUNCIL**

**Membership Replacements pending NITC approval
as forwarded by the Education Council 9-19-03**

HIGHER EDUCATION NEW MEMBERS

<i>Nominee</i>	<i>Representing</i>	<i>Comments</i>
Arnold Bateman alt. Kent Hendrickson	University of Nebraska	Replacing Perlman 2002-04
Yvette Holly (alternate to be named)	University of Nebraska	Filling vacancy 2003-05
Dennis Linster alt. Curt Frye	State Colleges	Replacing Stearns 2002-04

Brief Bio for Mr. Arnold Bateman, University of Nebraska-Lincoln

Arnold Bateman has been involved in extended education and outreach for the University of Nebraska-Lincoln since 1987. In 2002, he was named as Associate Vice Chancellor for Extended Education and Outreach where he provides leadership in the development of the vision and planning for the future of extended education at UNL. Mr. Bateman is UNL's chief spokesperson and representative to Central Administration on extended education and outreach issues and provides leadership to the UNL Extended Education Academic Council and Extended Education Statewide Advisory Council. His primary responsibilities include providing administrative leadership to facilitate the offering of UNL's off-campus educational and outreach programs, in consultation with respective colleges and divisions.

Brief Bio for Ms. Yvette Holly, University of Nebraska Medical Center

Yvette Holly is an experienced senior level information technology professional with over 18 years of service in an academic health sciences environment. Currently she serves as Assistant Vice Chancellor for UNMC's unit of Information Technology Services where she is responsible for the provision of data, voice and video services to the University of Nebraska Medical Center, as well as to UNMC's partner organization, Nebraska Health System. Ms. Holly's professional experience includes strategic and tactical planning; budget preparation and administration; contract negotiations; project management and personnel management; and leadership and management of large-scale, complex data and voice networks.

Brief Bio for Mr. Dennis Linster, Wayne State College

Dennis Linster has worked in the area of computer science, network systems and information technology for Wayne State College since 1991. He currently serves as Chief Information Officer for the College where he is responsible for technology budgeting, technology project design and implementation, and is the administrative spokesperson on matters dealing with technology. He has been very active in the Midwest Higher Education Consortium (MHEC), securing preferred hardware and software pricing for educational and government entities. Most recently, he is responsible for an innovative wireless technology aggregation project for the community of Wayne.

**Nebraska Information Technology Commission
Joint Council Committee
Interim Network Policy Work Group
Draft Charter (8/19/2003)**

Purpose	Develop recommendations on policy issues pertaining to the management and operation of shared networks, including policy input to the Collaborative Aggregation Partnership (CAP). (CAP is the operational group that is contracting for multipurpose transport backbone network services.)
Sponsor	Steve Schafer, Chief Information Officer
Scope/ Boundaries	This work group will make recommendations on such issues as long-term management of a shared network, including funding strategies, network services and pricing, resolution of technical problems, quality assurance, and security needs. This group will undertake the tasks identified in Recommendations #9 and #10 of the Final Report and Recommendations of the Nebraska Network Work Group, adopted by the NITC on Monday, September 16, 2002,
Desired Goals and Outcomes	<ul style="list-style-type: none"> a. Provide advice on policy issues to the Collaborative Aggregation Partnership as they aggregate bandwidth and develop a shared network; b. Conduct informative and working sessions to determine the needs, issues, and constraints regarding the growth and management of a statewide network; c. Research the advantages and disadvantages of different long-term management models and make a detailed recommendation to the NITC; d. Explore alternative funding strategies to enhance the network's ability to deliver services; e. Conduct an annual meeting of all network participants to discuss network performance, growth projections, emerging technologies, vendor service, and pricing.
Authority	This work group will act in accordance with the recommendations adopted by the NITC on September 16, 2002 in the Nebraska Network Study. Representatives serve on behalf of their network constituents and provide recommendations and advice to the Collaborative Aggregation Partnership in order to serve the telecommunications needs of Nebraska network participants. Decisions will be based on consensus but will not require unanimity.
Membership	<p>Membership is open to participants whose agencies or institutions will have a material interest in using or contributing to the network. Membership will include, but is not limited to, representatives from each of the following subsectors:</p> <ul style="list-style-type: none"> • (State Government) Major state agencies; • (Education) Community colleges, state colleges, public universities, independent colleges/universities, K-12 districts, ESUs, distance learning consortia, Department of Education; • (Community) Telehealth, public libraries, informal education entities; • NITC Council representatives and other members as determined by the sponsor.
Reporting	The sponsor of the work group will report to the NITC Councils and the NITC as needed.
Timeframe	This work group will function until this charter is repealed.

Background The following excerpt is from Recommendation #9 and #10 of the Final Report and Recommendations of the Nebraska Network Work Group, adopted by the NITC on Monday, September 16, 2002.

9. Under the auspices of the NITC, an interim work group composed of stakeholders should coordinate implementation of a shared Nebraska statewide IP-centric network (Recommendation 6). The work group should include stakeholders, with some representation of the Community Council, Education Council, and State Government Council. The work group should address technical requirements, network management, quality assurance and security needs.
10. Long-term functions of the network and a mechanism for constituent input could be delivered in a variety of ways. Issues to be decided include funding strategies, pricing and services to be offered, resolving technical problems, and establishing service levels. Funding options should encourage collaborative mechanisms for multiple independent entities to use existing resources as well as other available sources. The interim work group would research the advantages and disadvantages of different models and make a detailed recommendation to the NITC.
 - a. Distributed Model

Stakeholders would divide up the tasks of running the network and applications and share responsibilities using existing staff and resources. The group would meet as needed to resolve differences and reach consensus on future service changes. Each participant in the network would deal with the purchasing entity individually.
 - b. Centralized Model

Stakeholders would designate a central entity to support the network and applications. The central entity would make decisions on behalf of the stakeholders and solicit input when needed. The central entity would be an existing state agency or educational institution and would be responsible for interacting with the purchasing entity.
 - c. Cooperative Model

Stakeholders would form a group under 501(c)3 and/or the Interlocal Cooperation Agreement Act that would be the oversight group for the management of the network and implementation of multi-jurisdictional applications. The resulting collaborative would receive oversight by a stakeholder board and have the ability to enter into purchasing agreements with application providers, purchase telecommunications services from the purchasing entity and other providers, and hire staff.

NITC Technical Panel Statewide Synchronous Video Work Group

Update and Round One Recommendations

September 17, 2003

Michael Beach, Sponsor

Preliminary Round One Recommendations:

1. Recommend a State-level Internet Protocol (IP) network that maintains a satisfactory, user-defined Quality of Service for interactive distance learning, telemedicine, videoconferencing and data.
2. Recommend two contracts at the local level; one for procurement and maintenance of connective terminal hardware and another one for transport. **One contract may be considered as long as the end-user has full access to and flexible use of all bandwidth on the network and has the ability to upgrade video equipment as desired.**
3. If the authority does not already exist, recommend to the NITC that it work with the Public Service Commission to draft clarification language that allows providers to offer different service rates for public and private entities.
4. If the authority does not already exist, recommend to the NITC that it work with the Legislature to authorize a discounted rate for public entities for data services within flexibly provisioned bandwidth.
5. Recommend to the NITC that it work with the Legislature and the Public Service Commission to provide a one-time capital investment, compliant with NITC technical standards, for the replacement or upgrade of equipment at existing sites when current contracts expire or are re-negotiated.

Next Steps:

- Distribute first five recommendations to the SSVWG and ask for feedback and modifications by August 6, 2003 (Tom Rolfes).
- Present draft Round One recommendations to the NITC Technical Panel on August 13, 2003 (Mike Beach).
- Research current authority for recommendations #3 and #4 (Gene Hand).
- Begin cost estimations for recommendation #5 (John Horvath, Jeff McCartney)
- Complete survey on each distance learning network by September 30 (SSVWG members)
- Provide briefing to the Public Service Commission on the Statewide Synchronous Video Work Group **on** August 26, 2003 (Mike Beach, Gene Hand, Brenda Decker).
- Begin discussions with the telecommunication providers about an IP-centric network and flexibly provisioned bandwidth before the end of August 2003 (Steve Schafer, Mike Beach, Brenda Decker, Rick Golden, Gene Hand).
- Present final Round One recommendations to the NITC Technical Panel on September **17**, 2003 (Mike Beach)
- Ask for approval of the Round One recommendations by the NITC on September 30, 2003 (Walter Weir).

The next meeting date and location of this work group has not been determined but it will be in **early October**. Previous Meetings: March 26, May 28, July 30, 2003.

**Education Council
of the
Nebraska Information Technology Commission**

EC Priorities and Action Items for 2003-04

Priorities

The sector priorities of the Education Council of the Nebraska Information Technology Commission are to provide recommendations that support the:

- EC-1: Provision of an infrastructure that will permit all citizens of Nebraska to have access to the same educational experiences, regardless of location.
- EC-2: Identification and facilitation of diverse training opportunities;
- EC-3: Ensurance of life cycle funding;
- EC-4: Accommodation of learner needs;
- EC-5: Coordination of statewide education I.T. efforts and resources, including collaboration with public and private entities;
- EC-6: Pursuit of leading edge technology applications to enhance teaching and learning.

Action Items

PRIORITY EC-1

Provision of an infrastructure that will permit all citizens of Nebraska to have access to the same educational experiences, regardless of location.

EC 1.1 (Continuation)

Title: Statewide Synchronous Video Network Implementation

Description: The Education Council will assist the NITC Technical Panel's Statewide Synchronous Video Work Group with defining the technical and non-technical requirements for interconnecting all synchronous video networks and meeting the scheduling needs of different participants. Issues to be addressed include business case, scheduling, traffic prioritization, security, quality assurance, cost-sharing, and existing contractual arrangements of regional networks.

Lead: Volunteer Task Group and Statewide Synchronous Video Work Group.

Timeframe: 3rd Quarter, 2003--4th Quarter, 2004

EC 1.2 (Continuation)

Title: Sufficient Rural Bandwidth

Description: The Education Council will assist the Network Architecture Work Group and the Collaborative Aggregation Partnership with network and application design considerations en route to implementation of a statewide IP-centric network. The Education Council will support strategies that ensure that sufficient bandwidth is being provided to the rural areas of the State so as to provide access to the same educational experiences, regardless of location. The Education Council will emphasize the needs of the rural areas, including IP-centric applications, during NETCOM OSI Layer 1 and 2 deployment and investigate application development that supports synchronous, asynchronous distance education as well as voice/video/data transfer.

Lead: Volunteer Task Group

Timeframe: 3rd Quarter, 2003--4th Quarter, 2004

EC 1.3 (New)

Title: Support the Nebraska Network project through the Interim Network Policy Work Group

Description: The Education Council will assist the Interim Network Policy Work Group, formed by the NITC's advisory councils, with developing recommendations on policy issues pertaining to the management and operation of shared networks, including input to the Collaborative Aggregation Partnership.

Lead: Office of the CIO

Timeframe: Ongoing

PRIORITY EC-2

Identification and facilitation of diverse training opportunities;

EC 2.1 (Revised)

Title: Recommend Change in Funding for Technology Training Grants

Description: The Education Council, with the cooperation of the Training Advisory Work Group, will solicit the necessary funding to conduct a statewide needs assessment of K-12 and Higher Education technology training that will help to determine the business case for re-institution of the Technology Training Grant Fund.

Lead: Volunteer Task Group, in cooperation with the Training Advisory Work Group

Timeframe: 3rd Quarter, 2003 – 2nd Quarter, 2004

PRIORITY EC-3

Ensurance of life cycle funding;

No additional activity was identified for this priority in this performance year.

PRIORITY EC-4

Accommodation of learner needs;

No additional activity was identified for this priority in this performance year.

PRIORITY EC-5

Coordination of statewide education I.T. efforts and resources, including collaboration with public and private entities;

EC 5.1 (New)

Title: Nebraska eLearning Initiative for the coordination of synchronous and asynchronous distance learning experiences for K-20 students.

Description: The Education Council will assist in the design and development of the Nebraska eLearning Initiative. This effort involves the coordination of multiple education entities to originate and receive a variety of electronic learning opportunities, delivered through terrestrial and satellite methods using synchronous and asynchronous experiences. This initiative will require outside funding and may address but not be limited to: A) course content development and sharing; B) course management strategies, tools and training; and C) cooperative services and aggregated purchasing possibilities.

Lead: Volunteer Task Group, in cooperation with the Nebraska Department of Education and Higher Education entities.

Timeframe: 3rd Quarter, 2003 – 4th Quarter, 2004

EC 5.2 (New)

Title: Value-added services for the Nebraska 'Click into Education' Portal

Description: The Education Council will help oversee the completion of three enhancements to the Nebraska Education Portal, as prioritized by the Education Council in November, 2002. These enhancements included a web-based application for college admission, a searchable database of Nebraska higher education course offerings and programs, and a searchable I.T. training calendar for formal education entities.

Lead: Volunteer Task Group

Timeframe: 3rd Quarter, 2003 – 2nd Quarter, 2004

PRIORITY EC-6

Pursuit of leading edge technology applications to enhance teaching and learning.

EC 6.1(Continuation)

Title: Synchronous and Asynchronous Instructional Methods

Description: The Education Council will encourage the development of new instructional methods and resources for synchronous and asynchronous instruction and help establish guidelines for their appropriate use. This task group will also examine the value and cost-effectiveness of synchronous and asynchronous distance learning services using satellite and terrestrial means. This task group will help solicit the necessary funding to conduct a meta-study to determine the confidence and satisfaction that users have in synchronous and asynchronous distance learning delivery systems. In so doing, the effectiveness and efficiencies of the satellite-based distance learning system would be explored.

Lead: Volunteer Task Group

Timeframe: 3rd Quarter, 2003 – 4th Quarter, 2003

The current slate of action items was discussed and recommended by the Education Council on May 16, 2003 and was approved by the NITC at their June 10, 2003 meeting. It was included in "Section 2—Council Priorities and Action Items" of the 2003-04 Statewide Technology Plan.

	SSVWG	Bandwidth	INPWG	TrngGrants	DL Eval	EdPortal	Dist Lrng
Ed Council Members/Alternates	EC 1.1	EC 1.2	EC 1.3	EC 2.1	EC 5.1	EC 5.2	EC 6.1
Higher Ed							
Arnold Bateman							
Kent Hendrickson, alt.							
Yvette Holly							
<i>Vacant</i> , alt.							
Jack Huck							
Bill Path, alt.							
Tom Krepel							
Robin Smith, alt.							
Chuck Lenosky							
Jerry Harnisch, alt.							
Dennis Linster							
Curt Frye, alt.							
Rob Manzer							
Tip O'Neill, alt.							
Jerry Moskus							
Dennis Baack, alt.							
K-12							
Linda Engel							
Renee Bose, alt.							
Terry Haack							
Dan Navrkal, alt.							
Jeff Johnson							
Judi Carter, alt.							
Joe LeDuc							
Tom Korta, alt.							
Mike Pate							
Linda Richards, alt.							
Ed Rastovski							
Keith Rohwer, alt.							
Al Schneider							
Wayne Bell, alt.							
Alan Wibbels							
Chuck Friesen, alt.							
Liaisons							
David Powers							
Carna Pfeil, alt.							
Dean Bergman							
Wayne Fisher, alt.							
Brenda Decker							
David Wagaman, alt.							
Bob Huber							
Michael Beach, alt.							

NETWORK 2

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL	AVG
1990 - 1991	NA	NA	NA	127.9	101.6	45.2	51.8	55.1	68.8	84.3	42.4	46.5	624	69
1991 - 1992	14.5	10.5	67.5	55.7	51.8	31.2	20.5	93.0	73.0	139.5	69.5	35.0	662	55
1992 - 1993	9.0	34.3	112.7	143.1	80.7	45.6	126.5	132.7	157.8	136.8	116.5	50.5	1,146	96
1993 - 1994	19.0	39.3	125.1	135.4	126.1	78.3	89.3	97.4	139.1	127.5	82.0	77.5	1,136	95
1994 - 1995	46.3	77.4	186.9	208.2	183.4	107.9	166.8	213.8	214.0	195.9	110.9	109.9	1,821	152
1995 - 1996	79.5	50.0	151.0	153.8	129.0	76.0	167.8	206.0	158.0	173.0	124.5	144.0	1,613	134
1996 - 1997	110.8	81.8	168.0	178.0	137.8	58.0	223.5	305.0	222.0	285.8	157.5	199.8	2,128	177
1997 - 1998	226.0	179.0	565.3	592.3	457.5	331.5	474.8	621.5	557.0	518.5	216.3	463.0	5,203	434
1998 - 1999	342	292	545	588	505	296	462	562	596	683	364	454	5,689	474
1999 - 2000	277	302	575	574	556	302	488	597	552	620	357	351	5,551	463
2000 - 2001	199	307	619	666	617	317	683	705	530	730	409	411	6,193	516
2001 - 2002	367	322	658	778	716	527	590	628	601	771	398	434	6,790	566
2002 - 2003	273	220	615	692	493	388	622	728	582	679	374	400	6,066	506
2003 - 2004	227	174											401	200

NETWORK 3

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL	AVG
1991 - 1992	NA	NA	189.0	262.0	228.0	141.0	159.0	234.0	218.0	243.0	48.5	113.0	1,836	184
1992 - 1993	154.0	251.5	659.3	757.0	569.5	341.8	796.5	842.5	778.3	871.8	324.8	294.0	6,641	553
1993 - 1994	275.5	431.3	793.0	806.0	780.0	434.0	888.3	912.0	858.0	917.5	399.0	432.5	7,927	661
1994 - 1995	214.5	529.5	1124.5	1104.5	1031.0	553.0	1259.5	1440.0	1258.8	1332.8	476.8	679.5	11,004	917
1995 - 1996	260.6	714.0	1622.5	1652.0	1407.0	715.5	1395.0	1722.5	1213.3	1521.3	435.8	630.0	13,289	1,107
1996 - 1997	720.5	764.0	1787.3	2121.9	1579.5	936.0	1484.0	1752.8	1383.0	1813.5	704.5	2056.0	17,103	1,425
1997 - 1998	811.3	700.5	1773.0	1858.5	1456.8	921.8	1509.3	1750.8	1438.8	1873.2	682.5	1882.0	16,658	1,388
1998 - 1999	982.0	942.0	1798.0	1740.0	1473.3	797.0	1734.0	1914.0	1760.0	1975.0	793.8	1227.0	17,136	1,428
1999 - 2000	688	1019	1891	1689	1772	807	1560	1911	1645	1753	660	921	16,316	1,360
2000 - 2001	478	1040	1972	1687	1597	687	1952	1859	1613	1846	831	954	16,516	1,376
2001 - 2002	678	761	1640	1798	1544	1545	1504	1745	1295	1903	790	1109	16,312	1,359
2002 - 2003	679	781	1724	1760	1449	1027	1307	1507	1295	1524	806	1076	14,935	1,245
2003 - 2004	649	655											1,304	652

Submitted By: Nan Rowe, NET

2003-2004 NEB*SAT NETWORK 2 HOURS OF SERVICE

[illegible]

2003 - 2004 NEB*SAT NETWORK 3 HOURS OF SERVICE

UPLINK	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
LINCOLN 1	16.50	46.50											
LINCOLN 2	4.00	39.00											
LINCOLN 3	6.00	27.00											
LINCOLN 4	96.00	36.00											
LINCOLN 5	30.00	16.00											
LINCOLN 6	23.50	14.00											
LINCOLN 7	0.00	7.00											
LINCOLN 8	0.00	0.00											
OMAHA 1	44.00	60.00											
OMAHA 2	2.00	22.50											
S'BLUFF 1	0.00	23.00											
S'BLUFF 2	2.00	36.50											
CHADRON	0.00	12.00											
KEARNEY 1	32.00	42.50											
KEARNEY 2	0.00	27.00											
MCCOOK	86.00	48.00											
NORTH PLATTE # 1	60.00	43.00											
NORTH PLATTE # 2	79.50	18.00											
GR ISLAND 1	74.50	35.50											
GR ISLAND 2	26.50	30.50											
GR ISLAND 3	28.50	17.00											
COLUMBUS	38.00	21.00											
NORFOLK #1	0.00	3.00											
NORFOLK #2	0.00	0.00											
BROKEN BOW	0.00	6.00											
HASTINGS	0.00	14.00											
PERU	0.00	0.00											
BEATRICE	0.00	4.00											
ELKHORN	0.00	0.00											
WAYNE	0.00	6.00											
CLAY CENTER	0.00	0.00											
ITHACA	0.00	0.00											
TOTALS	649.00	655	0	0	0	0	0	0	0	0	0	0	1304
TOTAL 03	679.00	780.50	1723.50	1759.50	1448.50	1026.50	1306.50	1507.00	1295.00	1524.00	806.00	1075.50	14,931.50
CHANGE	(30)	(126)	(1,724)	(1,760)	(1,449)	(1,027)	(1,307)	(1,507)	(1,295)	(1,524)	(806)	(1,076)	(13,628)

Submitted By: Nan Rowe, NET

NEB*Sat Classes

Fiscal Year 2003 - 2004

MONTH	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	RESOURCE TOTAL
RESOURCE:													
Network II	81	85											166
K-12	0	0											0
Higher Edu	71	65											136
Other	10	20											30
Network III	77	103											180
K-12	0	0											0
Higher Edu	76	98											174
Other	1	5											6
DS3 *	0	0											
K-12	0	0											0
Higher Edu	0	0											0
Other	0	0											0
Fiber	30	31											61
K-12	0	0											0
Higher Edu	21	27											48
Other	9	4											13
MONTHLY													
TOTALS	188	219											407
PREV YR TLS	265	259	686	864	701	554	714	843	666	832	345	329	7058
CHANGE	(77.00)	(40.00)											(6,651.00)

*NOTE: As of January 2002, ONLY SECC to NET connection

NVCN HOURS														
YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL	AVG
1997 - 1998	564	463	683	685	600	673	720	703	856	854	602	536	7,939	662
1998 - 1999	506	567	608	697	759	357	730	666	854	777	641	546	7,708	642
1999 - 2000	474	711	845	627	656	550	930	910	868	865	612	505	8,553	713
2000 - 2001	396	488	396	623	329	346	623	584	627	525	413	390	5,740	478
2001 - 2002	351	491	414	510	539	258	621	600	686	467	409	495	5,841	487
2002 - 2003	212	308	560	563	530	371	694	478	600	575	416	308	5,615	468
2003 - 2004	306	334											640	320

2003 -2004 NVCN USAGE

EVENTS

Month	Hours	2-Way	Multi	Total	People	Site Usage
Jul	306	37	14	51	1075	191
Aug	334	34	22	56	1138	216
Sep						
Oct						
Nov						
Dec						
Jan						
Feb						
Mar						
Apr						
May						
Jun						
Total	640	71	36	107	2,213	407
Ave	320.0	35.5	18.0	53.5	1106.5	203.5
Prev Year	5,615	395	338	733	16,903	241
Change	(4,975)	(324)	(302)	(626)	(14,690)	166

Ave Event Length: 1.6 Hrs.

NEBRASKA VIDEO CONFERENCING NETWORK USAGE REPORT
August 1 - August 31, 2003

SITE	HRS/USAGE	NO. OF PEOPLE	SITE USAGE
AINSWORTH LIBRARY	10	24	4
BEATRICE MED CTR.	9	24	4
COLUMBUS LIBRARY	7	14	3
G.I. COLLEGE PARK	16.8	29	6
HASTINGS LIBRARY	5.5	6	3
KEARNEY LIBRARY	23	54	10
KEARNEY- UNK Med. Ctr.	16	96	6
LINCOLN--ATRIUM	9.5	24	6
LINCOLN--NET Control	11.58	85	57
LINCOLN--ENERGY SQUARE	0	0	0
LINCOLN--EXEC	24.5	75	16
LINCOLN-VARNER HALL	2	10	1
MAHONEY STATE PARK	0	0	0
NORFOLK COLLEGE	28.75	33	11
NORTH PLATTE- McKinley Ed. Ctr.	13.5	30	6
OMAHA--State Office Bldg.	29.5	73	14
OMAHA--UNMC	14.75	285	6
O'NEILL	2	6	1
SCOTTSBLUFF-Panhandle Learning Ctr.	29.25	41	13
S. SIOUX CITY	0	0	0
SIDNEY MCU			
ALLIANCE	6	11	3
CHADRON	22	83	11
MC COOK	1	3	1
SIDNEY	2	11	1
MCDONALD BELTON	0	0	0
VALENTINE	6.83	11	3
WAYNE	6	12	3
NEB*SAT	8.33	45	4
IN-Bound/OUT-Bound Calls	29	53	23
TOTALS	334	1138	216

POINT TO POINT	34	MULTI POINT	22
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Submitted By: Nan Rowe, NET

**Help Desk Service Contacts
FY 2003-2004**

Month	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	Total	
Technical Services:														
Network II	49	45	0	0	0	0	0	0	0	0	0	0	94	
K-12	6	8												
Higher Education	0	2												
Extension/Other	43	35												
Broadcast	33	37	0	0	0	0	0	0	0	0	0	0	70	
TV	25	29												
FM	8	8												
Technical Total	82	82	0	0	0	0	0	0	0	0	0	0	164	
*Referred to Technician	2	6												
Non-Technical Services:	2449	2288	0	0	0	0	0	0	0	0	0	0	4737	7025
Schedule Question	2	4											6	10
NVCN	3	1											4	5
UNL Video Services (Equipment)	4	3											7	10
Reading Rainbow	1	1											2	3
Front Desk	2427	2273											4700	6973
GPN Calls	1	0											1	1
GPN Tapes	9998	7913											17911	17911
E-Mail Responses	11	6											17	23
Total Contacts	2531	2370	0	0	0	0	0	0	0	0	0	0	4736	408.4167
Previous Year	117	345	1296	2233	2672	861	2403	8538	1786	1822	1726	2071	25870	2156
Growth	2063%	587%	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-82%	-81%

IP SITE BREAKDOWN			
MONTH OF: Current August 2003			
	USAGE		
LOCATION	SITE	PEOPLE	HOURS
IP COLUMBUS	2	6	3.75
IP DOC 501	0	0	0
IP DOC 521	5	17	14
IP NCDHH - Lincoln	0	0	0
IP NCDHH - Omaha	0	0	0
IP NDE	2	8	3.5
IP TAX EQUALIZATION	2	8	6
IP WAYNE	2	15	3.75
MONTHLY USAGE	13	54	31

2003-2004 IP USAGE			
Month	Hours	People	Site Usage
Jul	22.00	38	10
Aug	31.00	54	13
Sep			
Oct			
Nov			
Dec			
Jan			
Feb			
Mar			
Apr			
May			
Jun			
Total	53.00	92	23
Ave	26.50	46.0	11.5
Prev Year	555.50	1,585	241
Change	(502.50)	(1,493)	(218)

Ave Event Length: 2.3 hrs

J McC

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